Reliable Savings

LED Essentials from LG Lighting

LED Essentials from LG Lighting 01

LED Recessed Flat 02

CFL Replacement LED Downlight 03

Halogen replacement LED Downlight 04

LED Batten 05

LED Highbay 06

LED Essentials from LG Lighting

LED Essentials from LG Lighting

The Obvious Choice for Reliable Savings

As lighting technology shifts from conventional to LED, many customers are being overwhelmed by the selection of lighting brands and products. In response we offer the first generation line-up of LED Essentials from LG Lighting : helping customers choose appropriate products designed to suit their application needs with no doubt about quality and performance.

Excellence in Design

Family look & feel

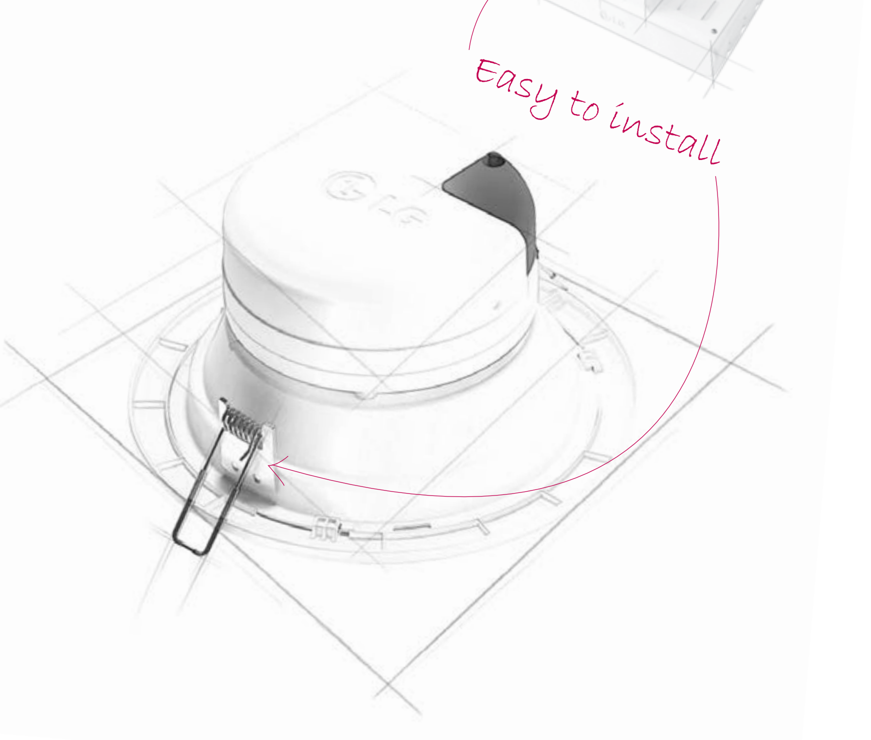
Consistent design and functionality

Application focus

Easy to select, easy to install

Balanced brightness

Low contrast for user comfort

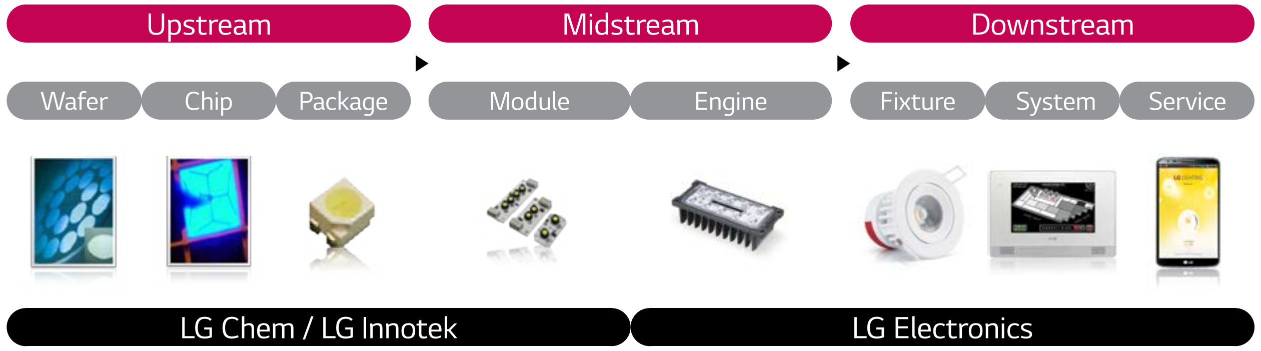


Value for Customers

For wholesalers we offer a regularly updated LED luminaire portfolio from a trusted brand, providing established LG order tracking, reducing field return problems, with a reliable supply chain and flexible order adjustment options.

For installers we provide an affordable LED line up, available at the local wholesaler, easy to choose and easy to install, with reliable quality and a guaranteed good payback time for your customers.

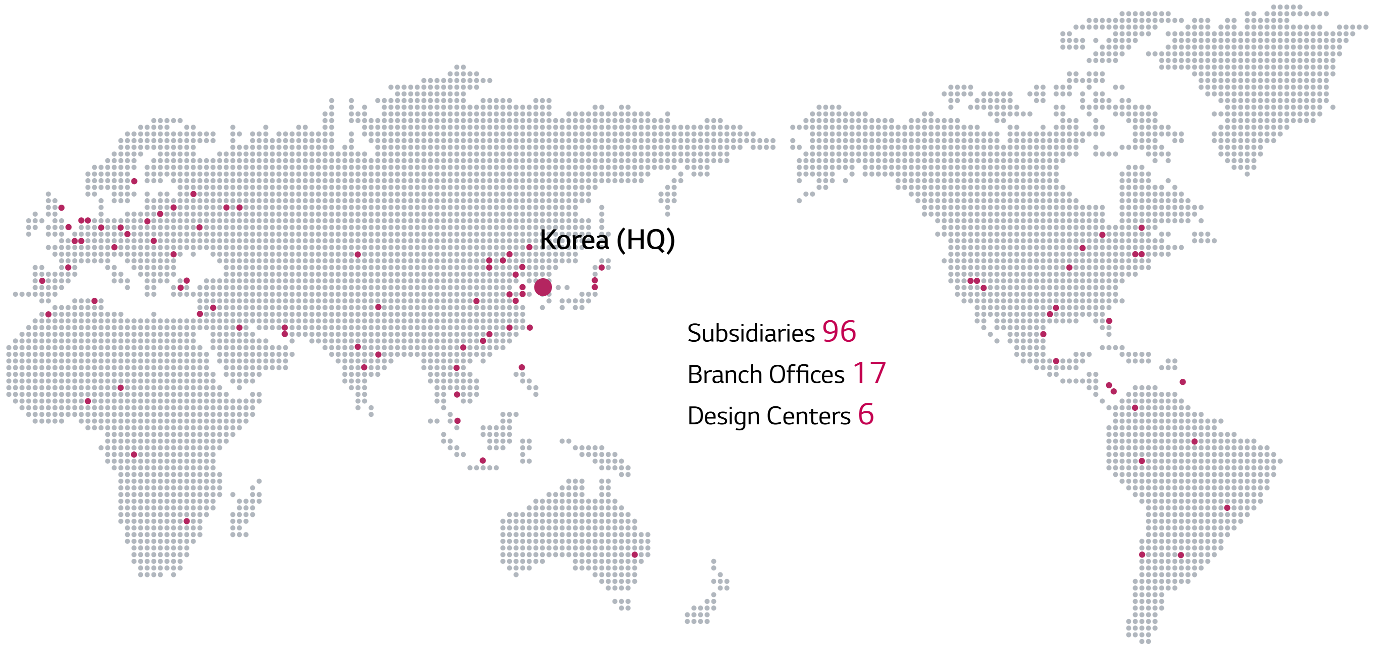
Trusted Quality and Technology



Upstream			Midstream		Downstream		
Wafer	Chip	Package	Module	Engine	Fixture	System	Service
LG Chem / LG Innotek				LG Electronics			

Global Network & Logistics

Global Operations 113
Workforce 87,000



Subsidiaries 96
Branch Offices 17
Design Centers 6

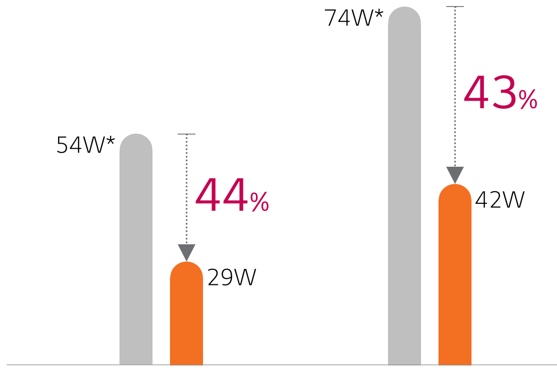
LED Essentials
from LG Lighting

LED Recessed Flat

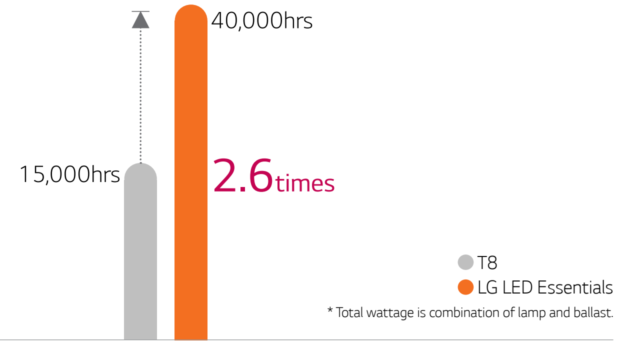
Balanced Brightness

Customer benefits

Energy savings



Lifetime



* Total wattage is combination of lamp and ballast.

LED Essentials
from LG Lighting

LED Recessed Flat

Features

Equivalent Wattage	T8 18W X 3	T8 18W X 4
Power consumption	29W	42W
Luminous flux	2,800lm	4,000lm
Efficacy	95lm/W	95lm/W
CRI	80	80
CCT	3000K, 4000K	3000K, 4000K
Operating temperature	-20~50℃	-20~50℃
Lifetime	40,000 Hrs	40,000 Hrs
Dimmability	No	No

Product Details

Specifications & Ordering Information

Dimensions	Wattage	Lumens	CCT	Model code
596 x 596mm	29W	2800lm	3000K	F2930TT1N5A
			4000K	F2940TT1N5A
	42W	4000lm	3000K	F4230TT1N5A
			4000K	F4240TT1N5A
620 x 620mm	29W	2800lm	3000K	F2930TT1N7A
			4000K	F2940TT1N7A
	42W	4000lm	3000K	F4230TT1N7A
			4000K	F4240TT1N7A

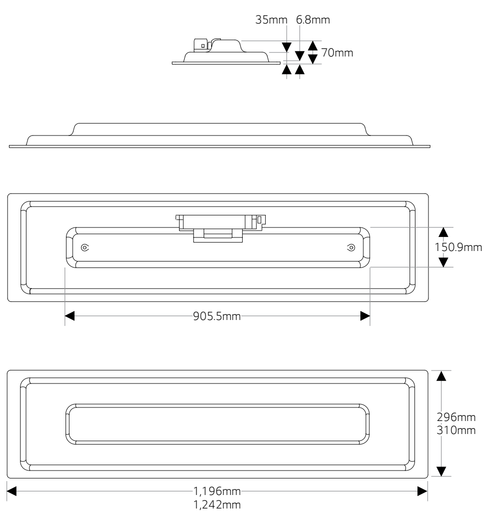
Dimensions	Wattage	Lumens	CCT	Model code
296 x 1,196	29W	2800lm	3000K	F2930TT1NAA
			4000K	F2940TT1NAA
	42W	4000lm	3000K	F4230TT1NAA
			4000K	F4240TT1NAA
310 x 1,242	29W	2800lm	3000K	F2930TT1NBA
			4000K	F2940TT1NBA
	42W	4000lm	3000K	F4230TT1NBA
			4000K	F4240TT1NBA

* Specification are subject to change without notice.

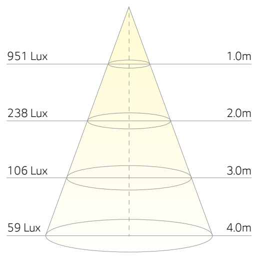
Technical Data

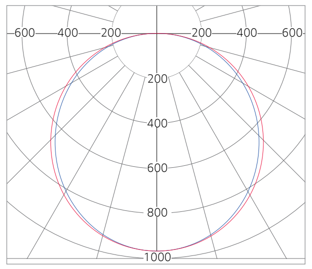
Dimension (Unit : mm) Cone Lux Diagram Luminance Intensity Distribution

296 x 1,196 T-Bar / 310 x 1,242 T-Bar

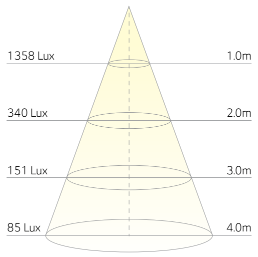


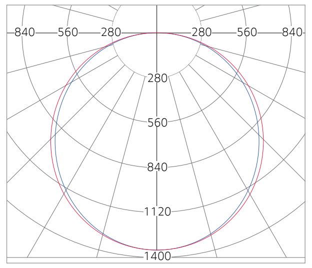
2,800lm



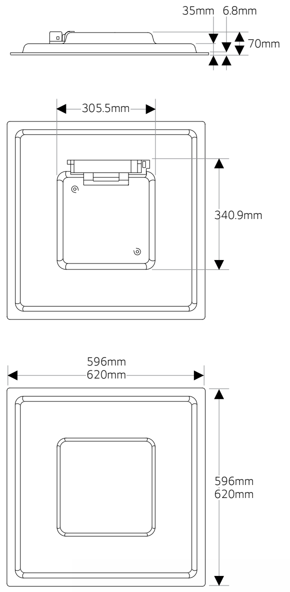


4,000lm

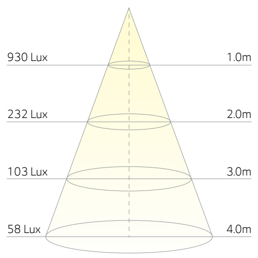


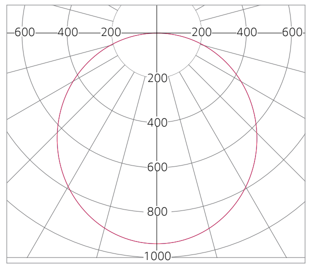


596 x 596 T-Bar / 620 x 620 T-Bar

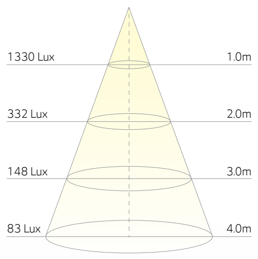


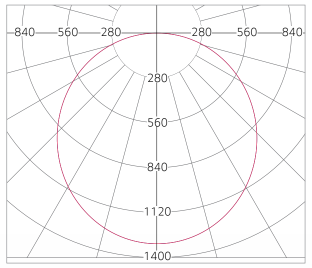
2,800lm





4,000lm





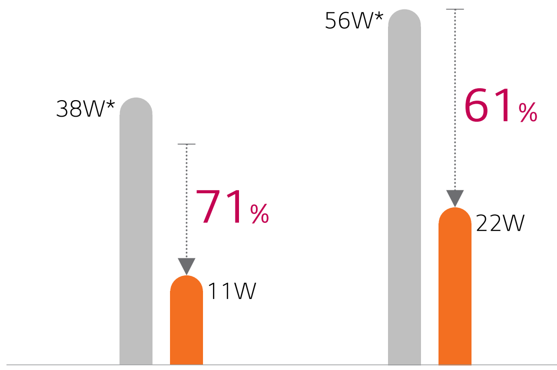
LED Essentials
from LG Lighting

CFL Replacement LED Downlight

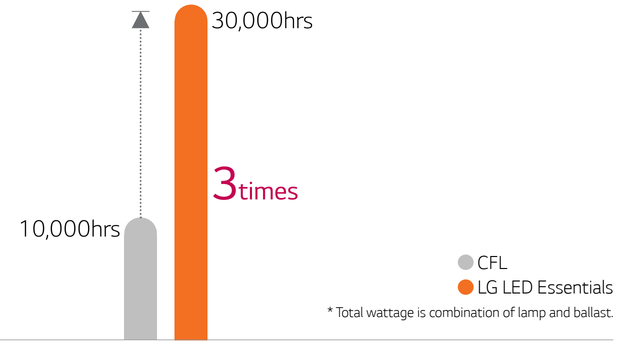
Balanced Brightness

Customer benefits

Energy savings



Lifetime



* Total wattage is combination of lamp and ballast.

CFL Replacement LED Downlight

LED Essentials
from LG Lighting

CFL Replacement LED Downlight

Features

Equivalent Wattage	CFL 18W X 2	CFL 26W X 2
Power consumption	11W	22W
Luminous flux	1,000lm	2,000lm
Efficacy	90lm/W	90lm/W
CRI	80	80
CCT	3000K, 4000K	3000K, 4000K
Operating temperature	-20~40°C	-20~40°C
Lifetime	30,000 Hrs	30,000 Hrs
Dimmability	No	No

Product Details

Specifications & Ordering Information

Wattage	Lumens	Beam Angle	CRI	Input Voltage	Weight	Operating Temperature	IP	Lifetime	CCT	Model code
11W	1000lm	100°	80	120~240Vac	300g	-20~40℃	20	30,000Hrs	3000K	D1130RW9N6A
									4000K	D1140RW9N6A
22W	2000lm	100°	80	120~240Vac	300g	-20~40℃	20	30,000Hrs	3000K	D2230RW9N6A
									4000K	D2240RW9N6A

* Specification are subject to change without notice.

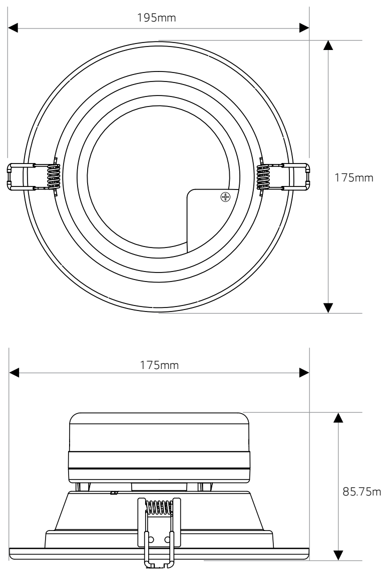
Technical Data

Dimension (Unit : mm)

Cone Lux Diagram

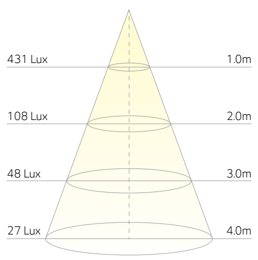
Luminance Intensity Distribution

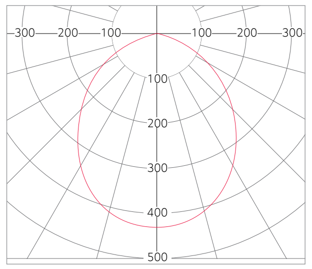
11W



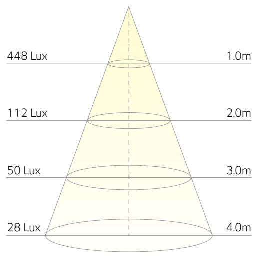
Ø 156±10mm 1-16mm

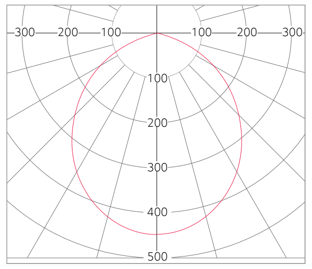
3,000K



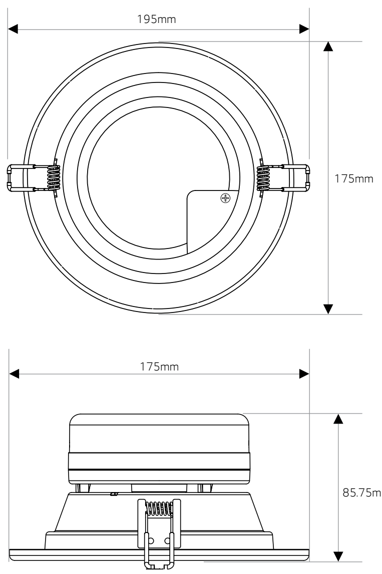


4,000K



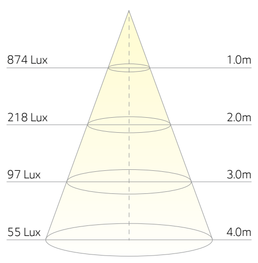


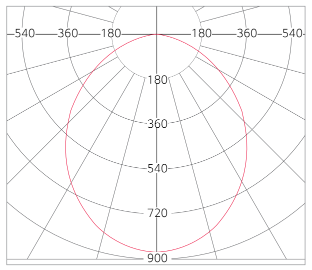
22W



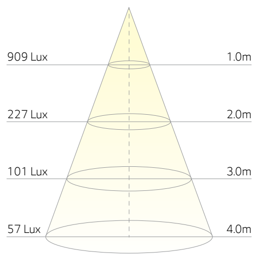
Ø 156±10mm 1-16mm

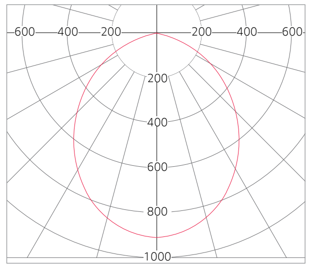
3,000K





4,000K





LED Essentials
from LG Lighting

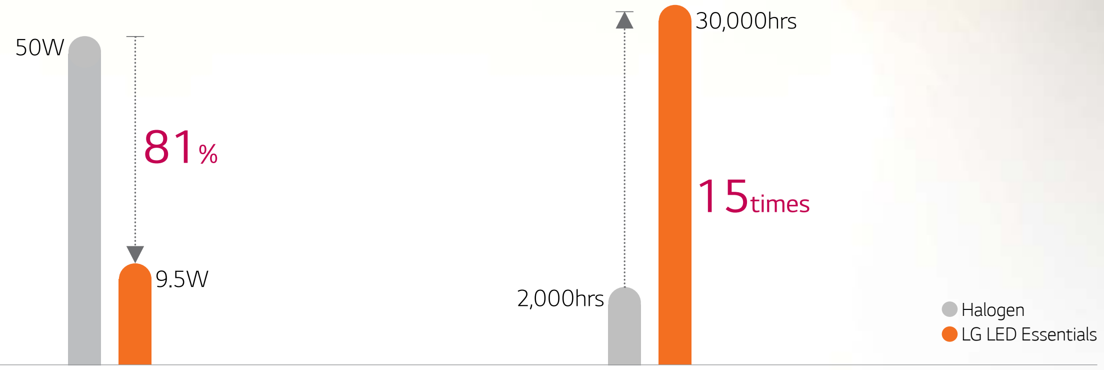
Halogen Replacement LED Downlight

The perfect fit by design

Customer benefits

Energy savings

Lifetime



LED Essentials
from LG Lighting

Halogen Replacement LED Downlight

Features

	Adjustable	Fixed
Equivalent Wattage	Halogen 50W X 1	Halogen 50W X 1
Power consumption	9.5W	9.5W
Luminous flux	670lm	670lm
Efficacy	70lm/W	70lm/W
CRI	80	80
IP	44	44
CCT	3000K, 4000K	3000K, 4000K
Beam angle	25°, 40°, 60°	25°, 40°, 60°
Operating temperature	-20~40℃	-20~40℃
Lifetime	30,000 Hrs	30,000 Hrs
Dimmability	Triac dim	Triac dim

Product Details

Specifications & Ordering Information

Adjustable

Wattage	Lumens	CCT	CRI	Input Voltage	Weight	Operating Temperature	IP	Lifetime	Beam Angle	Model code
9.5W	670lm	3000K	80	220-240Vac	349g	-20~40℃	44	30,000Hrs	25°	J1030RW2T3A
									40°	J1030RW4T3A
									60°	J1030RW6T3A
9.5W	670lm	4000K	80	220-240Vac	349g	-20~40℃	44	30,000Hrs	25°	J1040RW2T3A
									40°	J1040RW4T3A
									60°	J1040RW6T3A

Fixed

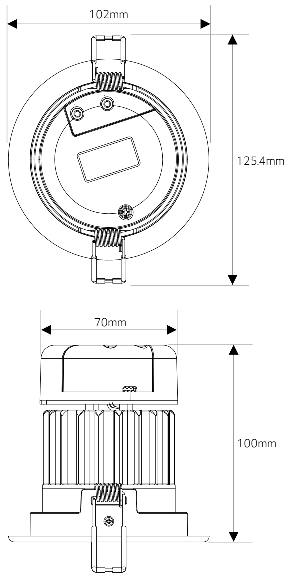
Wattage	Lumens	CCT	CRI	Input Voltage	Weight	Operating Temperature	IP	Lifetime	Beam Angle	Model code
9.5W	670lm	3000K	80	220-240Vac	243g	-20~40℃	44	30,000Hrs	25°	D1030RW2T3A
									40°	D1030RW4T3A
									60°	D1030RW6T3A
9.5W	670lm	4000K	80	220-240Vac	243g	-20~40℃	44	30,000Hrs	25°	D1040RW2T3A
									40°	D1040RW4T3A
									60°	D1040RW6T3A

* Specification are subject to change without notice.

Technical Data

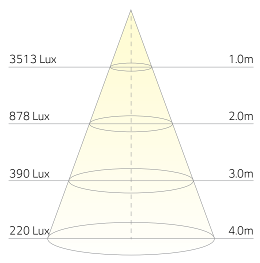
Dimension (Unit : mm) | Cone Lux Diagram | Luminance Intensity Distribution

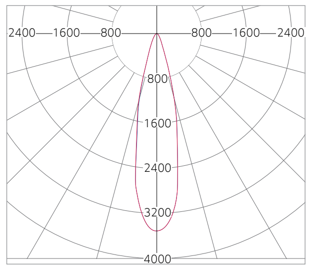
Adjustable


102mm
125.4mm
70mm
100mm

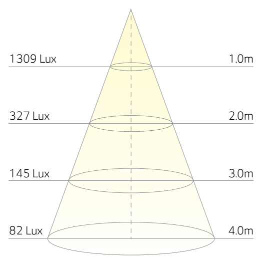
Ø 90±5mm 1-16mm ±35°

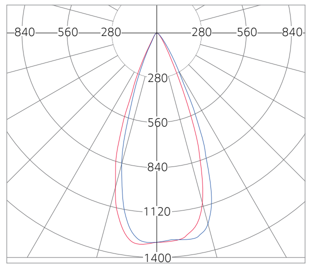
25D


3513 Lux
1.0m
878 Lux
2.0m
390 Lux
3.0m
220 Lux
4.0m

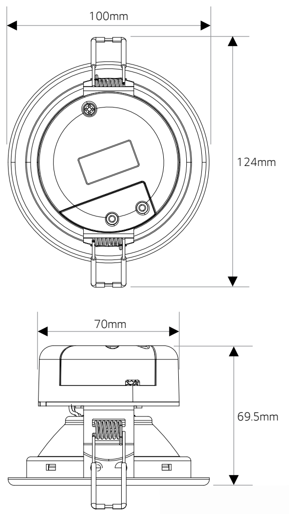


40D


1309 Lux
1.0m
327 Lux
2.0m
145 Lux
3.0m
82 Lux
4.0m

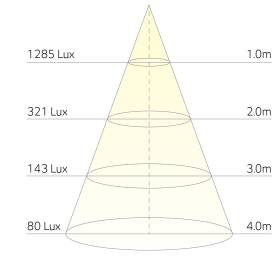


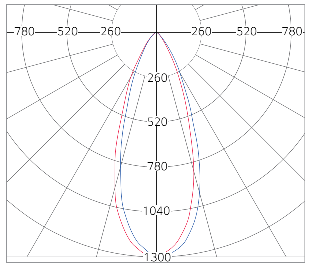
Fixed


100mm
124mm
70mm
69.5mm

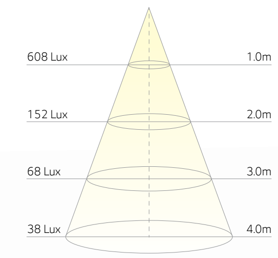
Ø 90±5mm 1-16mm

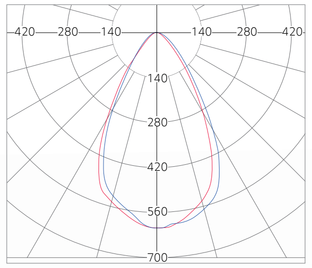
40D


1285 Lux
1.0m
321 Lux
2.0m
143 Lux
3.0m
80 Lux
4.0m



60D


608 Lux
1.0m
152 Lux
2.0m
68 Lux
3.0m
38 Lux
4.0m



LED Essentials
from LG Lighting

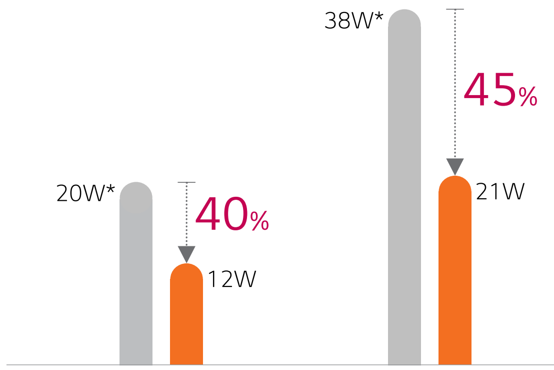
LED Batten

The perfect fit by design

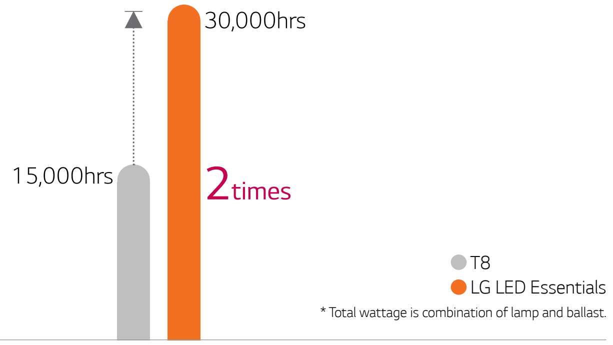
Maximum length for interconnect :
12m except leader cable

Customer benefits

Energy savings



Lifetime



* Total wattage is combination of lamp and ballast.

LED Essentials
from LG Lighting

LED Batten

Features

	300mm	600mm	1,200mm
Equivalent Wattage	-	T8 20W X 1	T8 38W X 1
Power consumption	6W	12W	21W
Luminous flux	600lm	1,200lm	2,100lm
Efficacy	100lm/W	100lm/W	100lm/W
CRI	80	80	80
CCT	3000K, 4000K	3000K, 4000K	3000K, 4000K
Operating temperature	-20~40°C	-20~40°C	-20~40°C
Lifetime	30,000 Hrs	30,000 Hrs	30,000 Hrs
Dimmability	No	No	No

Product Details

1,200mm
600mm
300mm

Specifications & Ordering Information

LED Batten

Dimensions	Wattage	Lumens	Beam Angle	CRI	Input Voltage	Weight	Operating Temperature	IP	Lifetime	CCT	Model code
35 x 44 x 320mm	6W	600lm	160°	80	100-240Vac	160g	-20~40℃	20	30,000Hrs	3000K	E0630SA6N3A
										4000K	E0640SA6N3A
35 x 44 x 572mm	12W	1,200lm	160°	80	100-240Vac	250g	-20~40℃	20	30,000Hrs	3000K	E1230SA6N6A
										4000K	E1240SA6N6A
35 x 44 x 1,134mm	21W	2,100lm	160°	80	100-240Vac	450g	-20~40℃	20	30,000Hrs	3000K	E2130SA6N2A
										4000K	E2140SA6N2A

Cable accessory

Cable type	Model code		
Leader cable	EAD63006201	EAD63028601 (UK only)	EAD63049901 (Australia only)
Joint cable	EAD63028801		

* Specification are subject to change without notice.

Technical Data

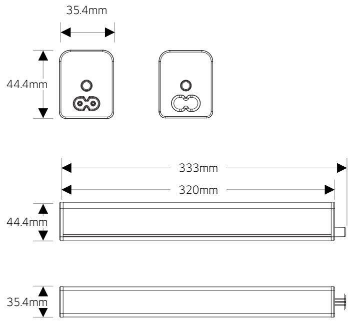
Dimension (Unit : mm)

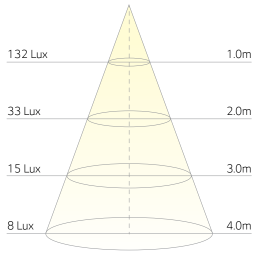
Cone Lux Diagram

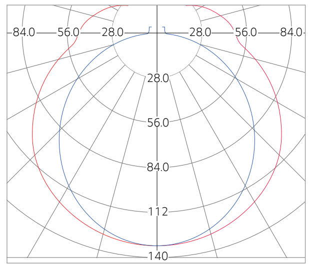
Luminance Intensity Distribution

300mm

3,000K

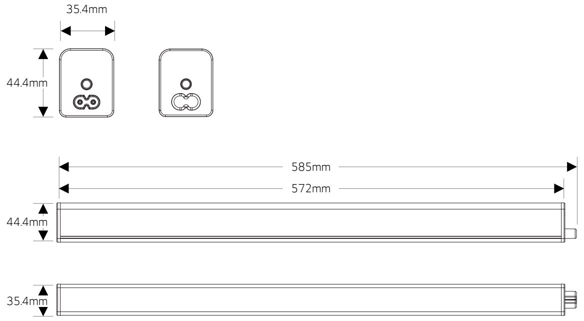


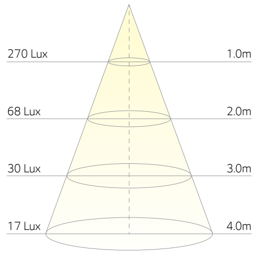


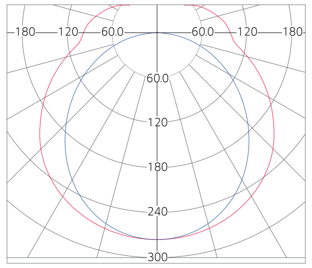


600mm

3,000K

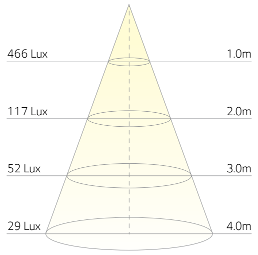


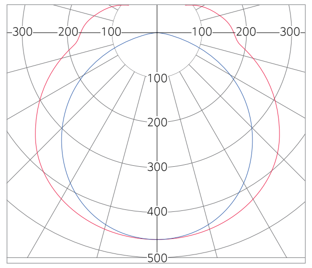


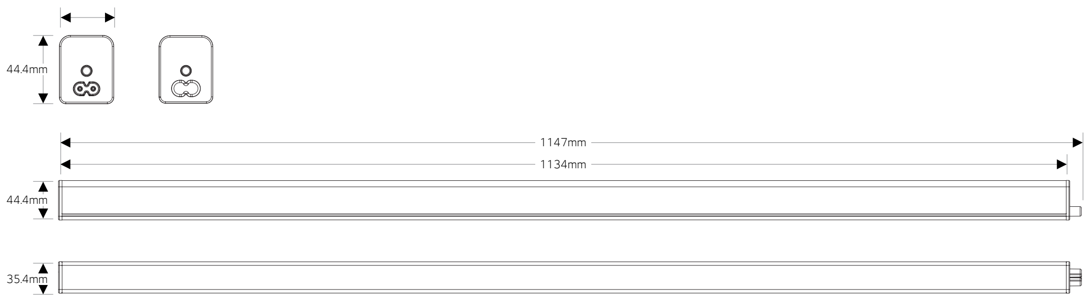


1,200mm

3,000K





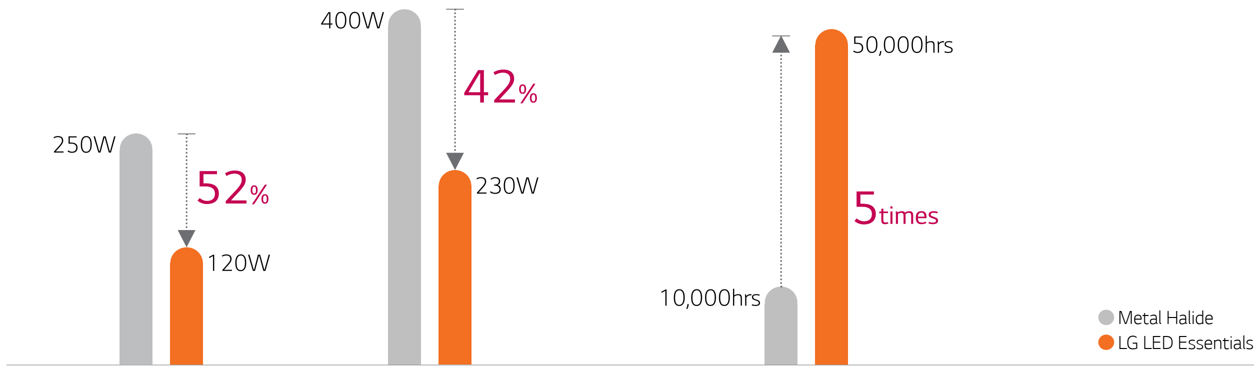


LED Essentials
from LG Lighting

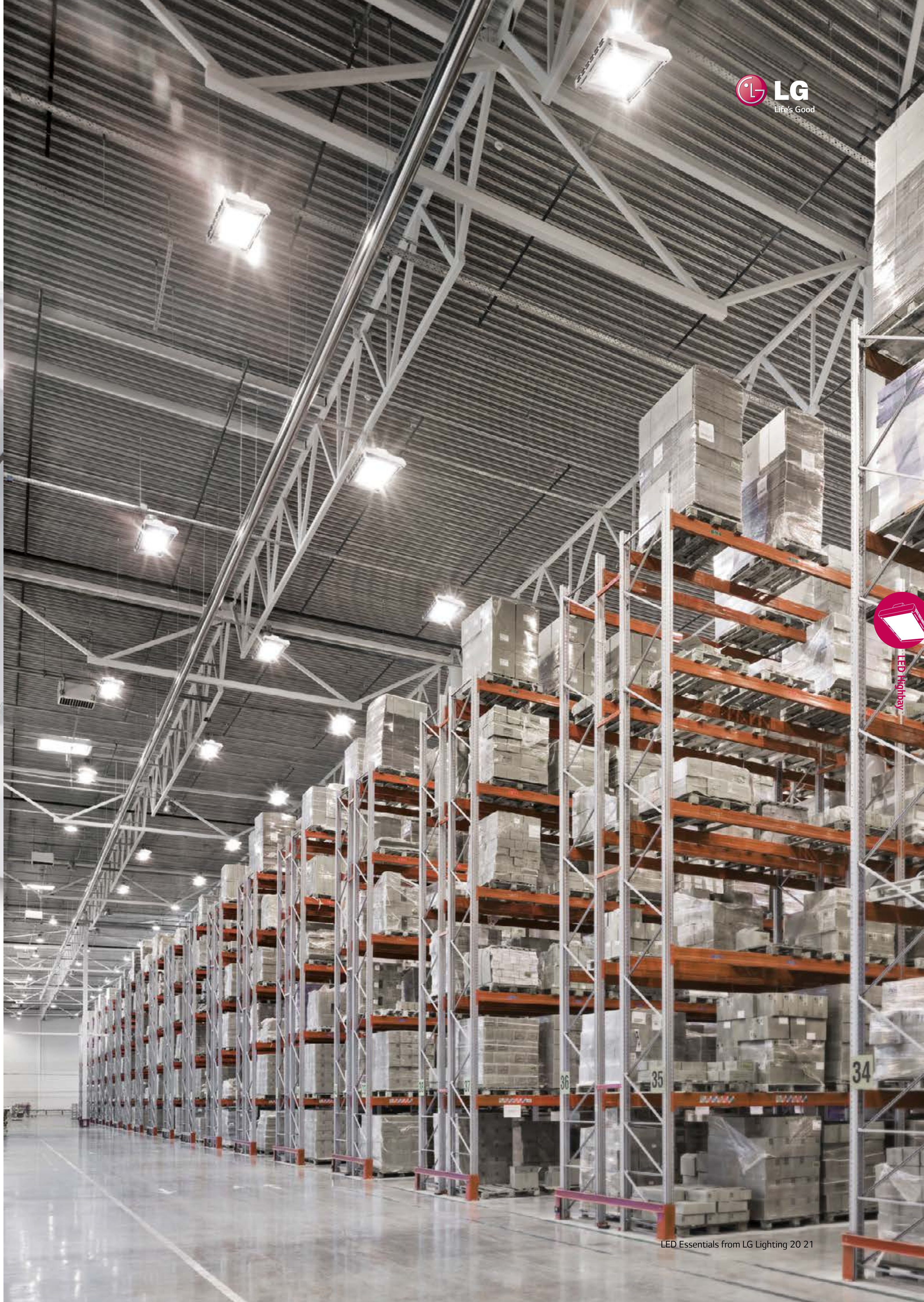
LED Highbay

Application focus

Customer benefits


Energy savings

Lifetime



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Features

Equivalent Wattage	MH 250W	MH 400W
Power consumption	120W	230W
Luminous flux	12,000lm	24,000lm
Efficacy	100lm/W	100lm/W
CRI	80	80
Beam angle	120°	50°, 85°
Weight	4kg	9.5kg
Operating temperature	-30~50°C	-30~50°C
Lifetime	50,000 Hrs	50,000 Hrs
Dimmability	Step dim	Step dim

Product Details

Specifications & Ordering Information

LED Highbay

Wattage	Lumens	CCT	CRI	Input Voltage	Weight	Operating Temperature	IP	Lifetime	Beam Angle	Model code
120W	12,000lm	4000K	80	120-240Vac	4kg	-30~50°C	20	50,000Hrs	120°	H1240PA2N0A
230W	24,000lm	4000K	80	200-240Vac	9.5kg	-30~50°C	20	50,000Hrs	50° 85°	H2440P50N0A H2440P85N0A

Motion sensor

Coverage	Detect Range	Dimming adjustment	Timer adjustment	Input Voltage	Operating Temperature	Model code
360°	max. 13m	0%, 30%, 100%	0.5 ~ 20min.	2.7-3.3Vdc	-20~50℃	9SD751TVDA

* Specification are subject to change without notice.

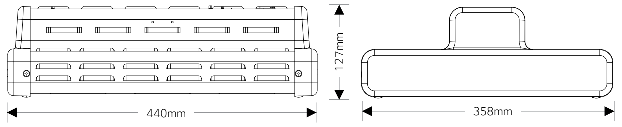
Technical Data

Dimension (Unit : mm)

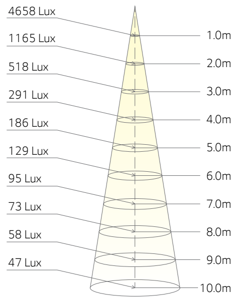
Cone Lux Diagram

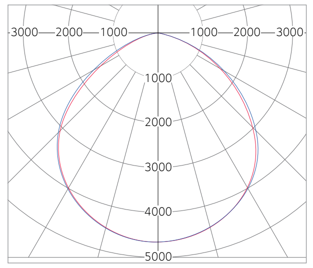
Luminance Intensity Distribution

120W

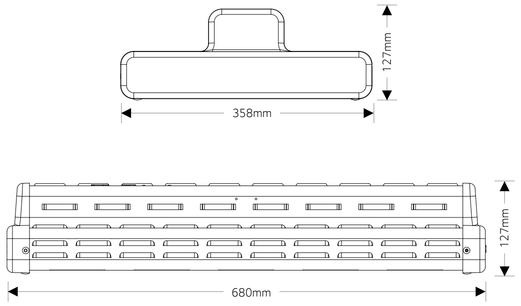

127mm
440mm
358mm

120D

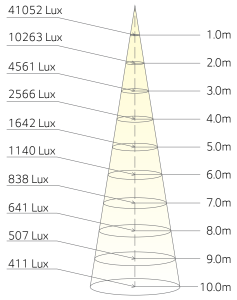


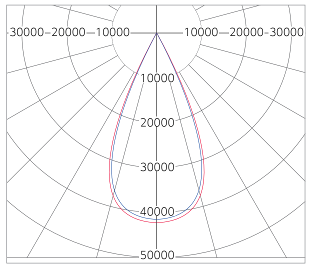


240W

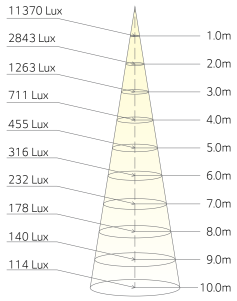

127mm
358mm
127mm
680mm

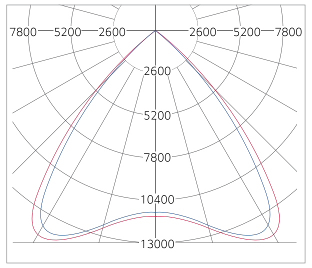
50D





85D



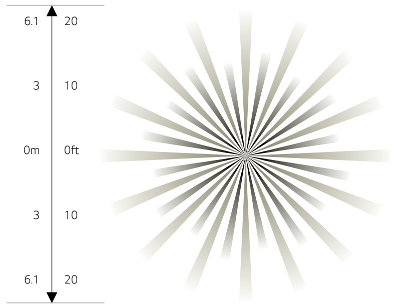


Motion sensor

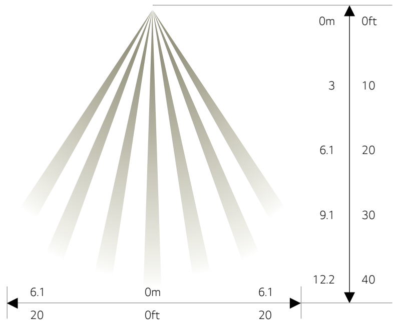
Feature

- Easy plug-and-play installation
- Adjustable time delay and dimming level

Top view

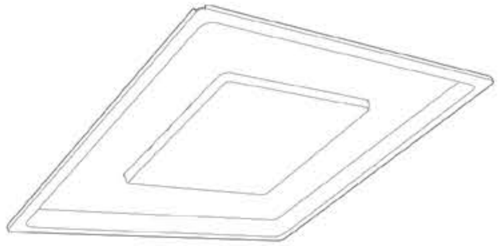

6.1
3
0m
3
6.1
20
10
0ft
10
20

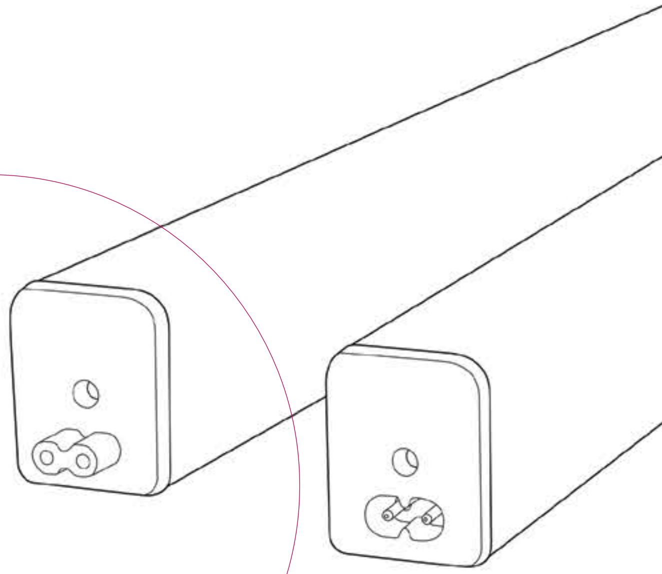
Side view


0m
3
6.1
9.1
12.2
0ft
10
20
30
40
6.1
0m
6.1
20
0ft
20

Timer adjustment
Dimming adjustment

Reliable Savings

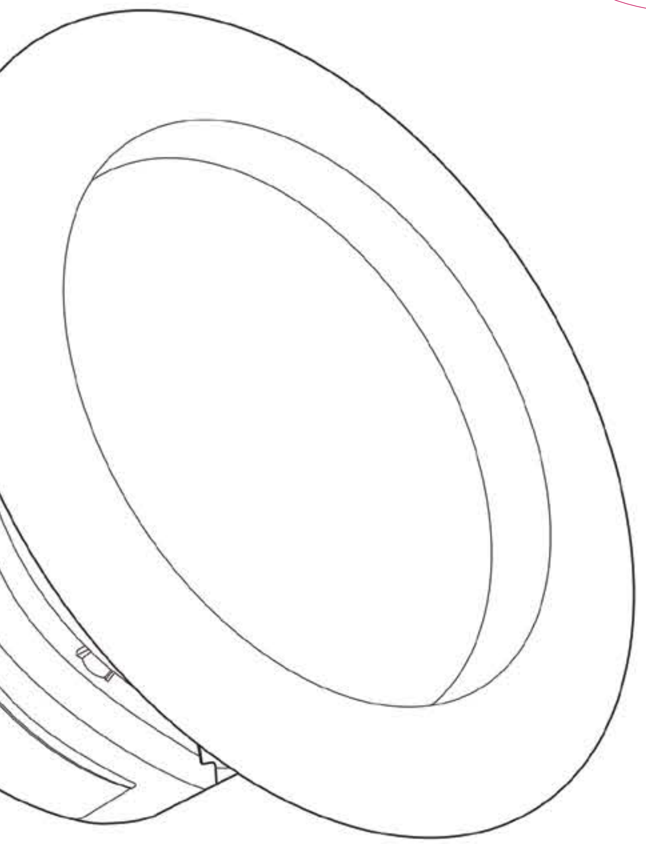




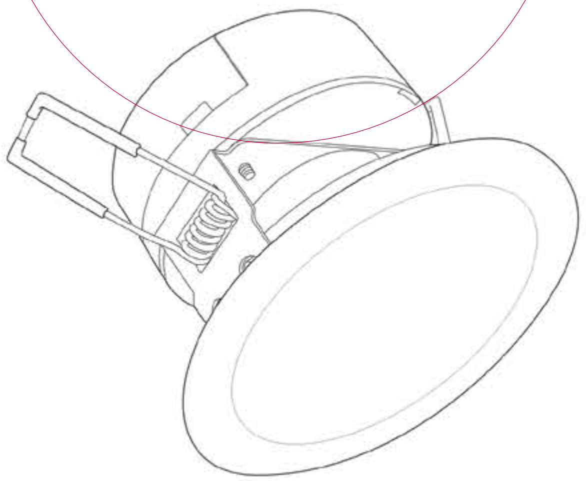
Affordable,
reliable,
widely used

Substantial
energy savings

The perfect fit
by design



Easy to select,
the obvious choice



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Life's Good

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